

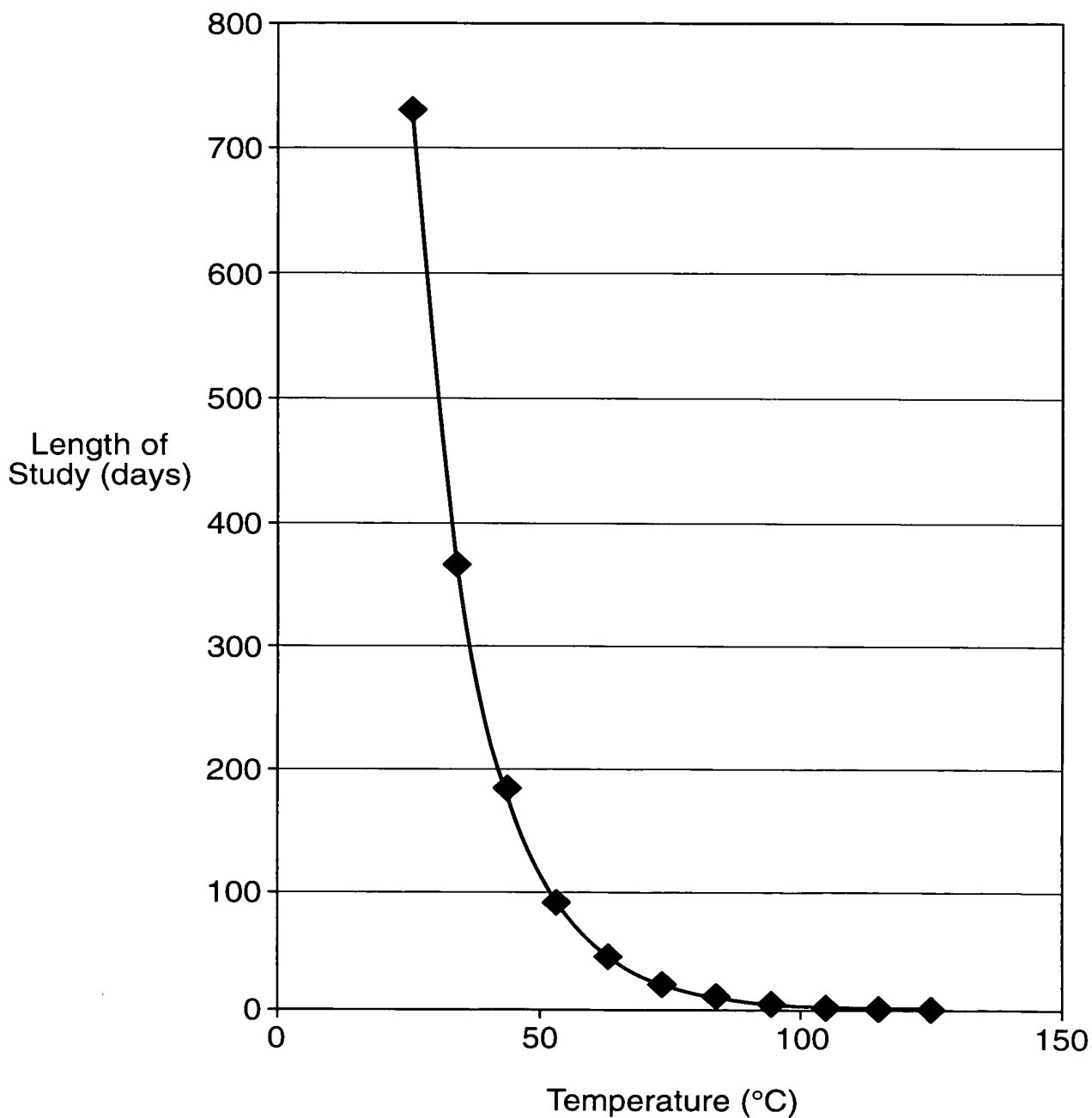


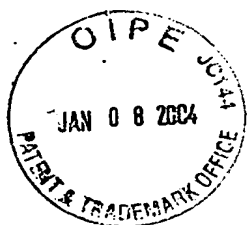
TITLE: APARATUS FOR THE AUTOMATION...
INVENTOR(S): Adam M. Fermier, et al.
APP#: 09/816,787
ATTY: Joseph F. Shirtz TEL. #: 732-524-2812
DOCKET #: ORT-1361 CUST. #: 000027777

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FIG. 1

Temperature effects on relative rates and length
of degradation studies required.

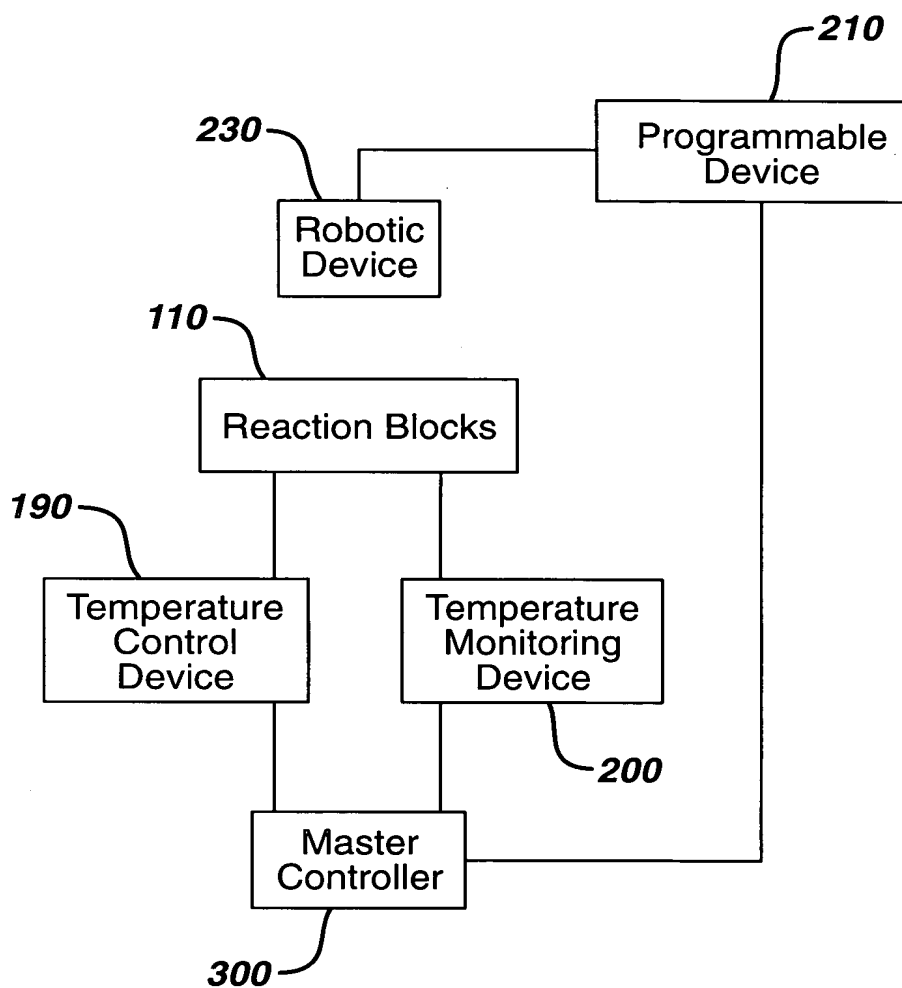




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FIG. 2





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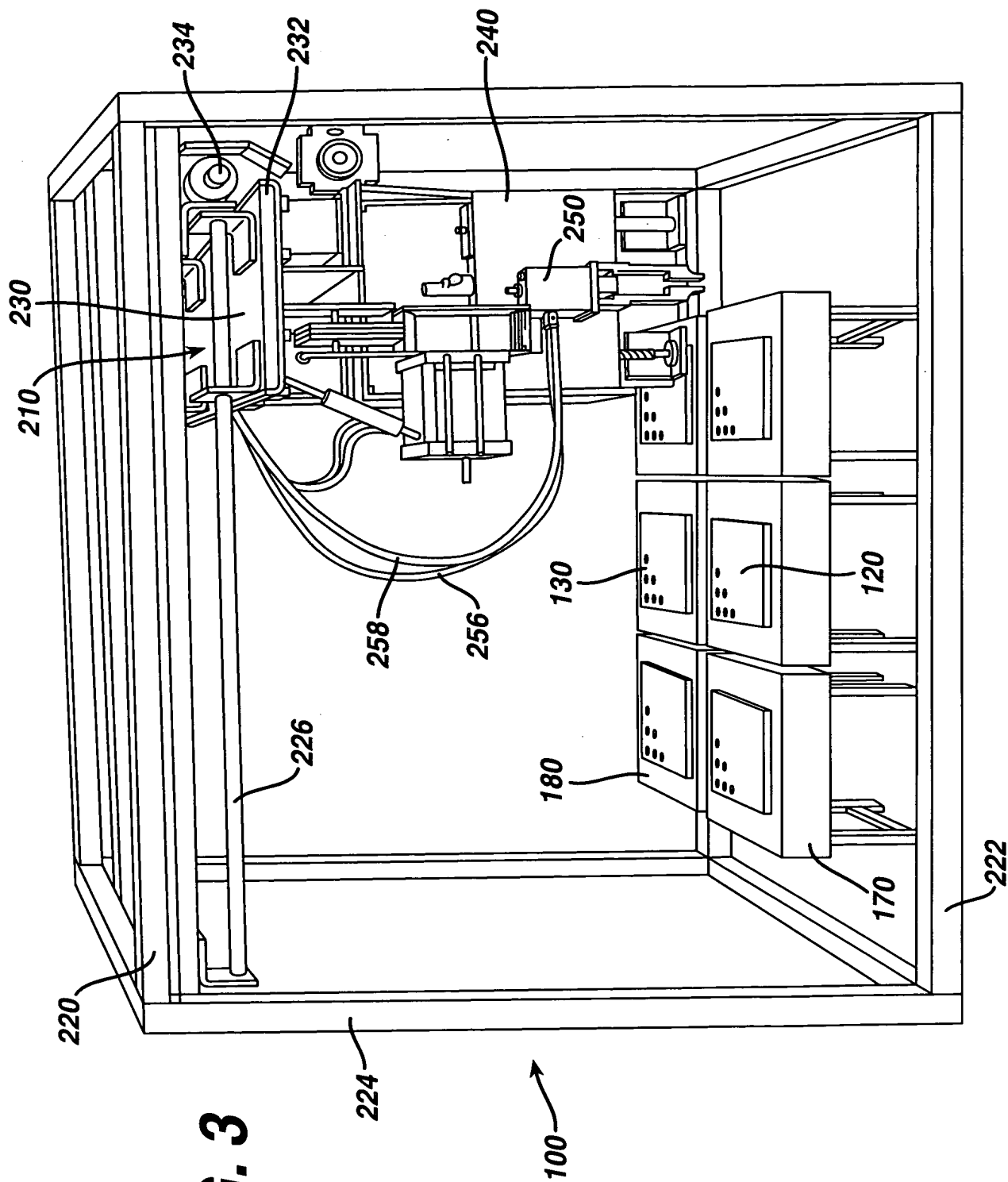
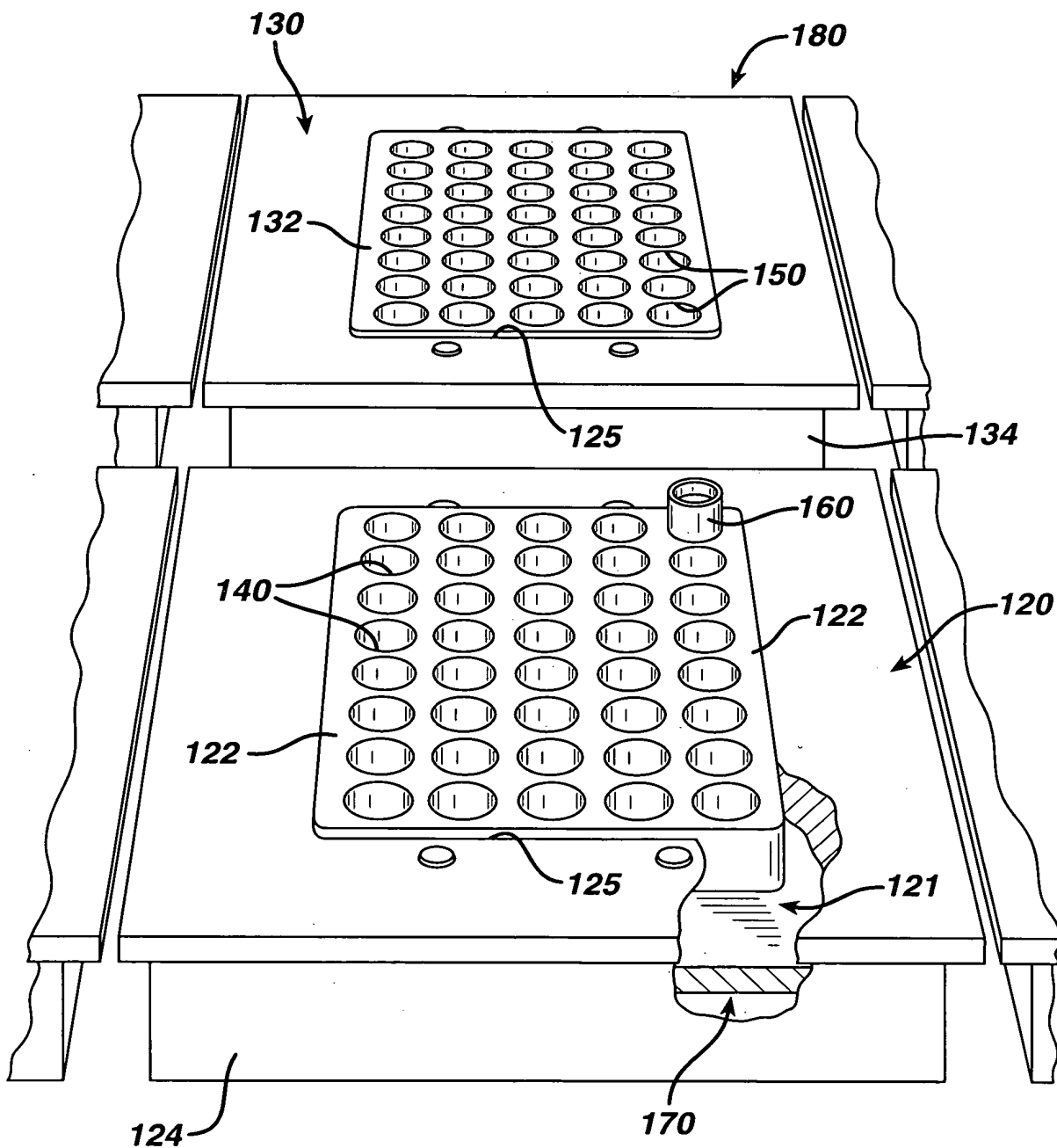
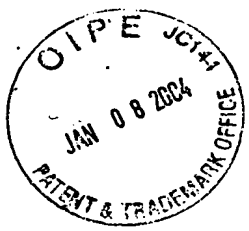


FIG. 3



FIG. 4

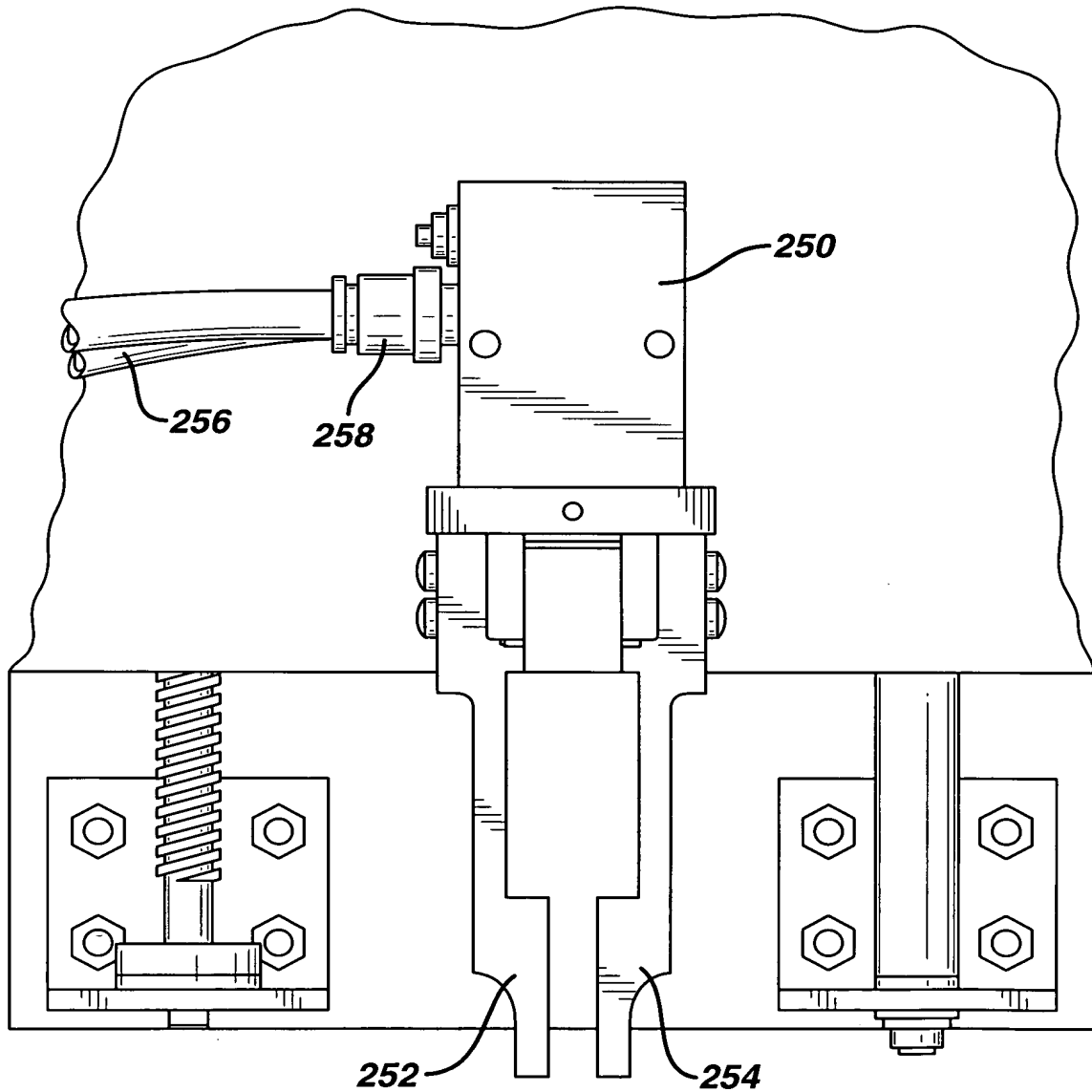




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FIG. 5



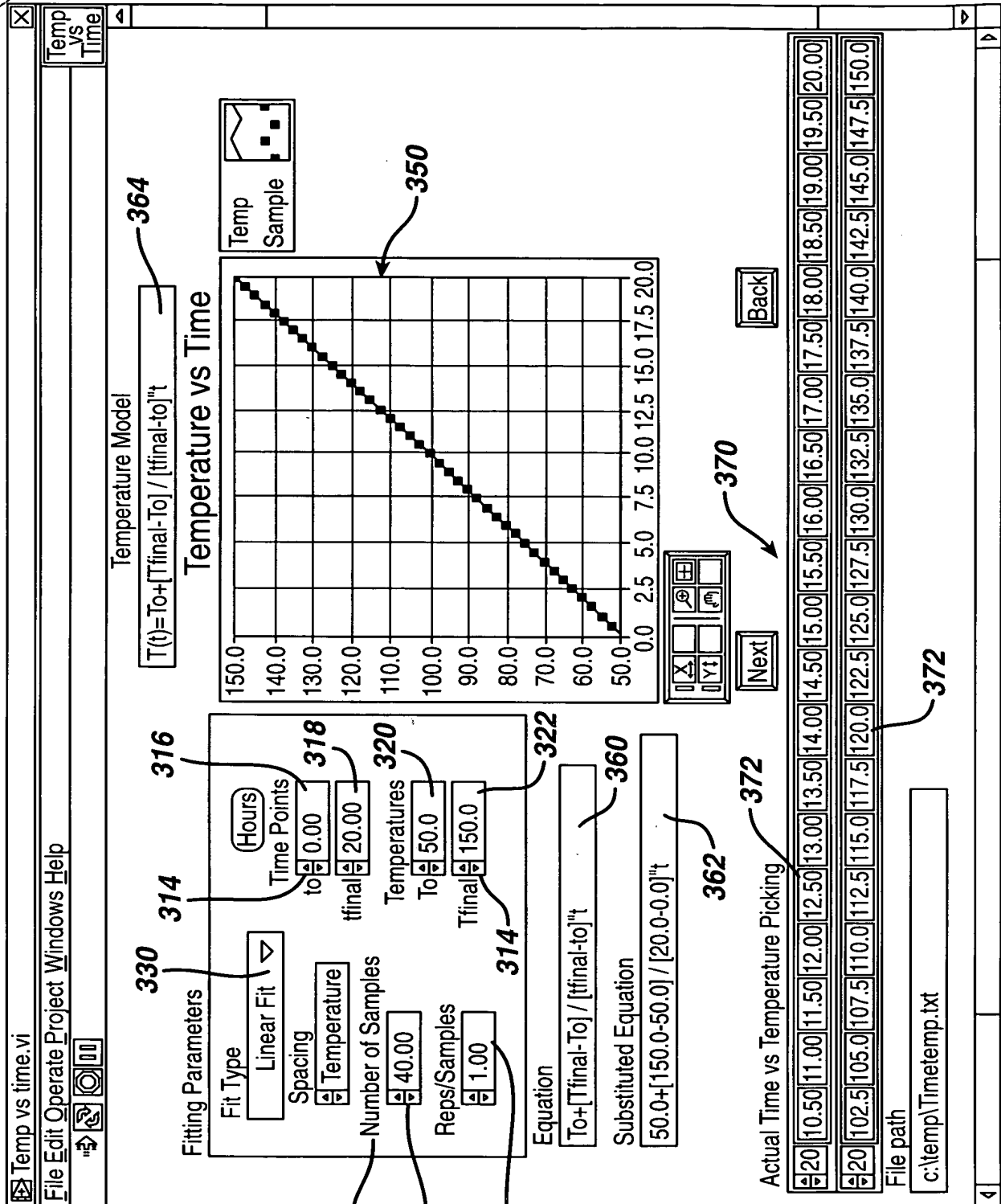
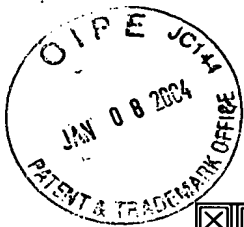


FIG. 6



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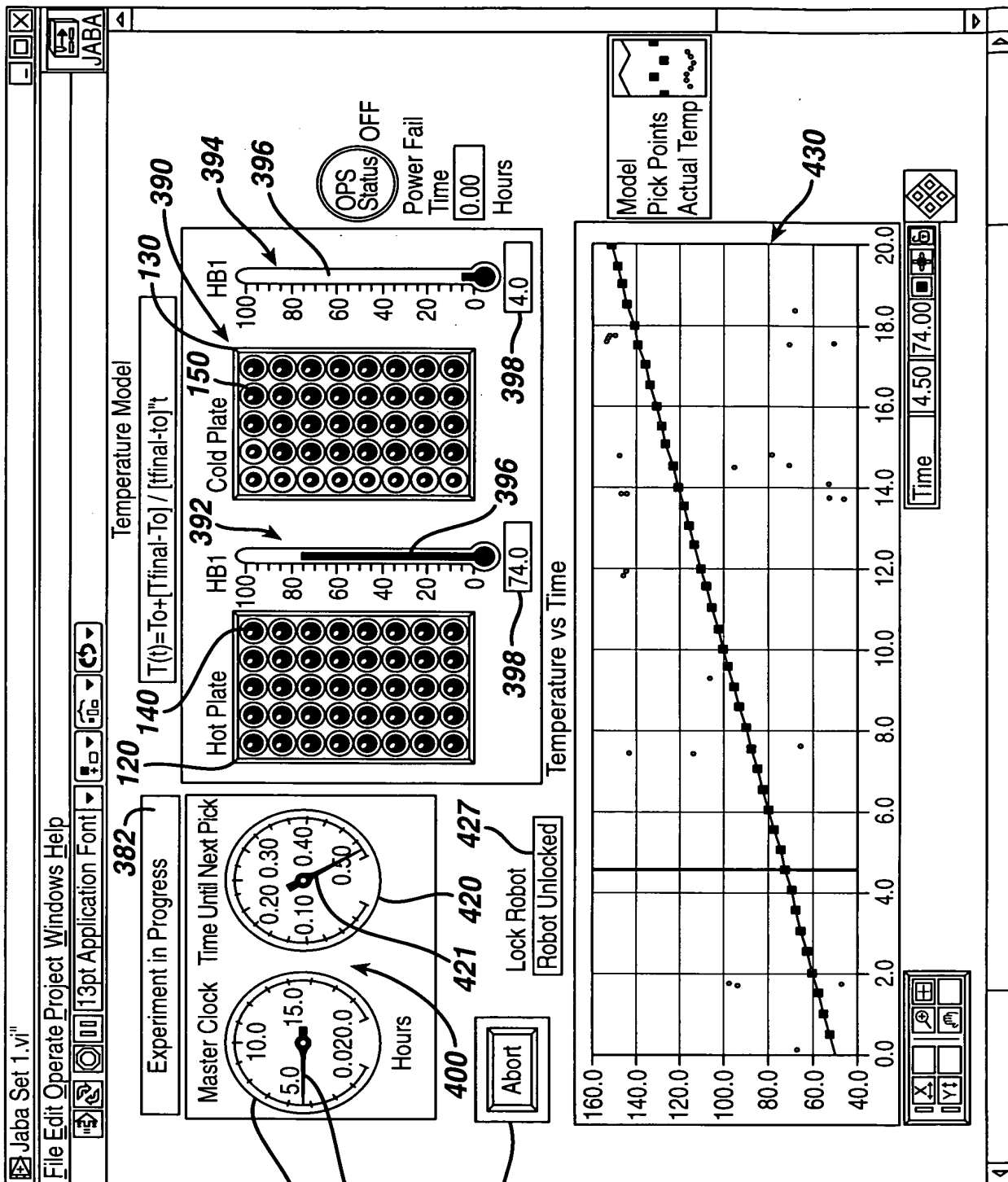


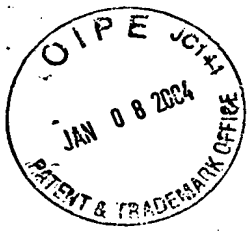
FIG. 7

410

411

425

380



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FIG. 8A

Data for pH 1.0 reactions: isothermal at 85 °C

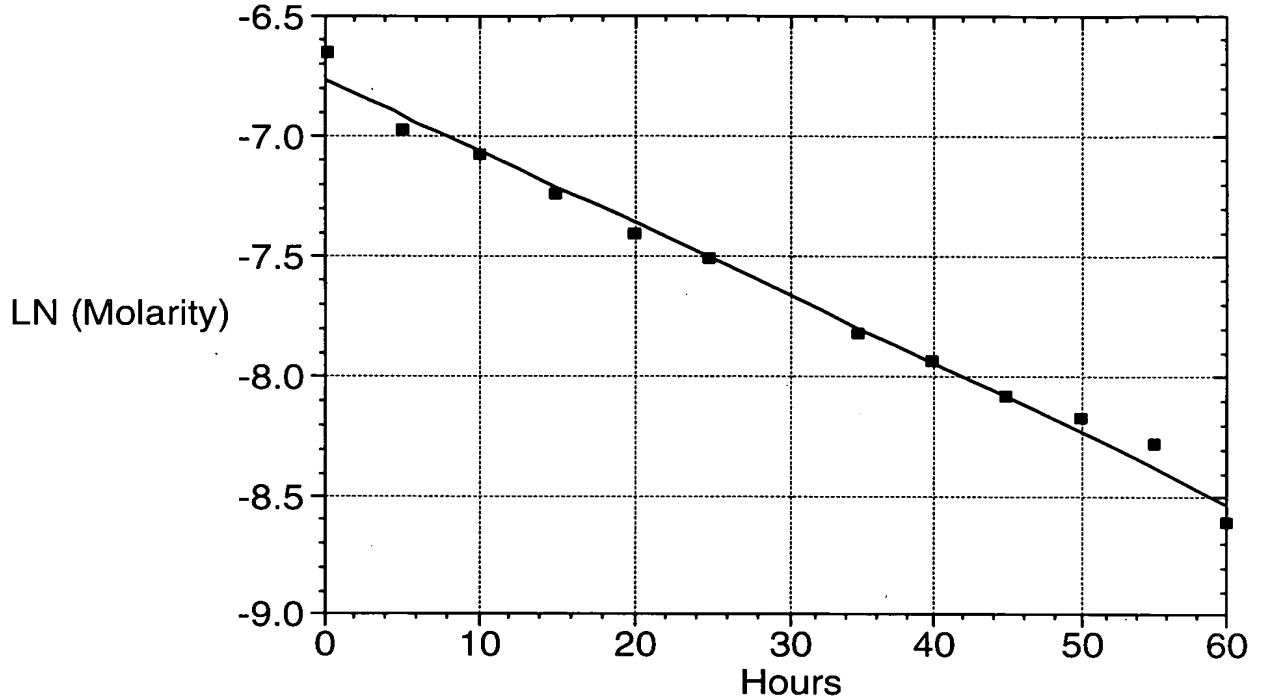
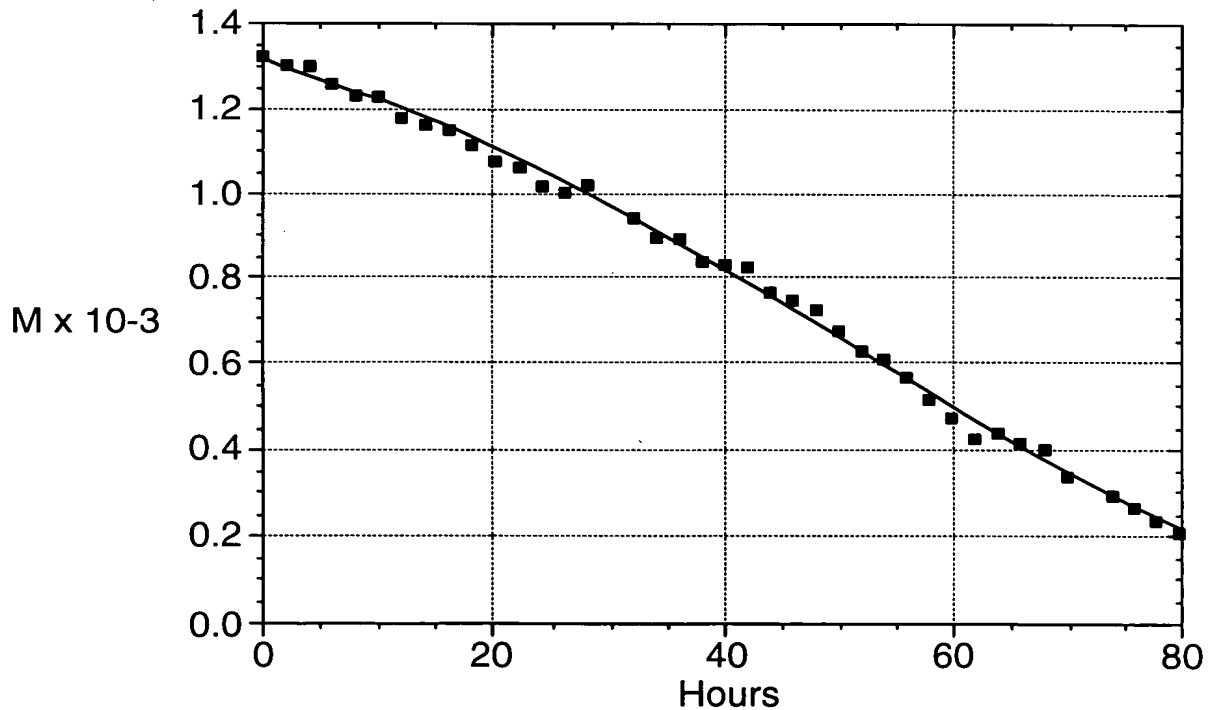


FIG. 8B

Nonisothermal, 50 to 100 °C over 80 hours, linear program





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FIG. 9A

Data for pH 11.7 reactions: isothermal at 85 °C

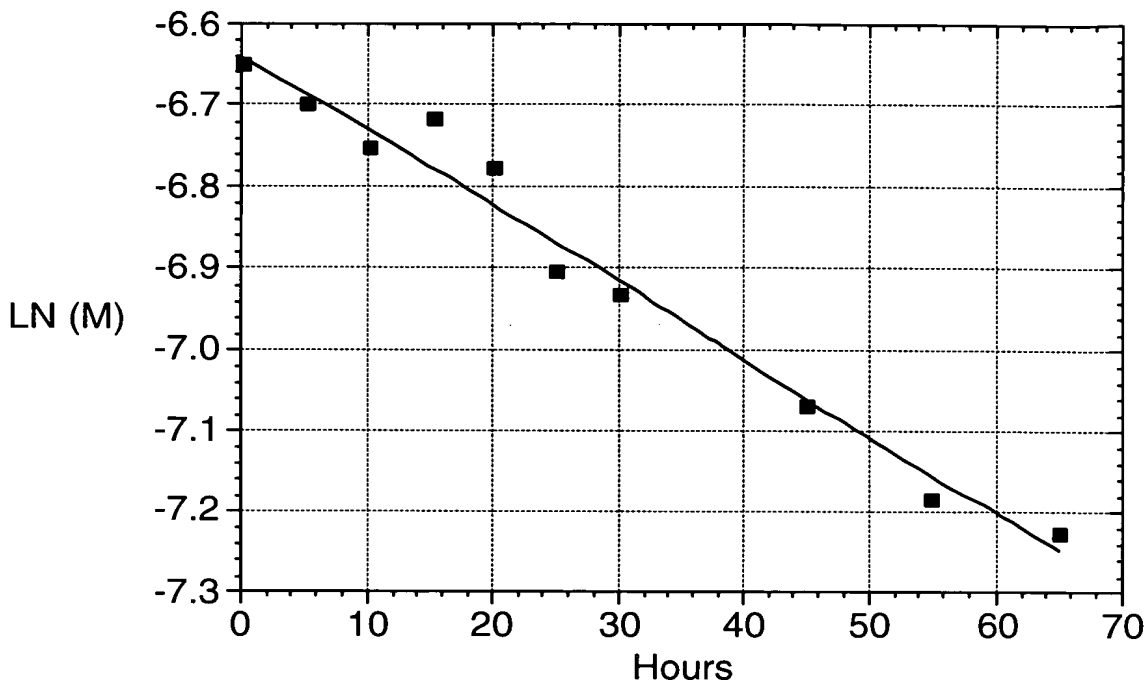
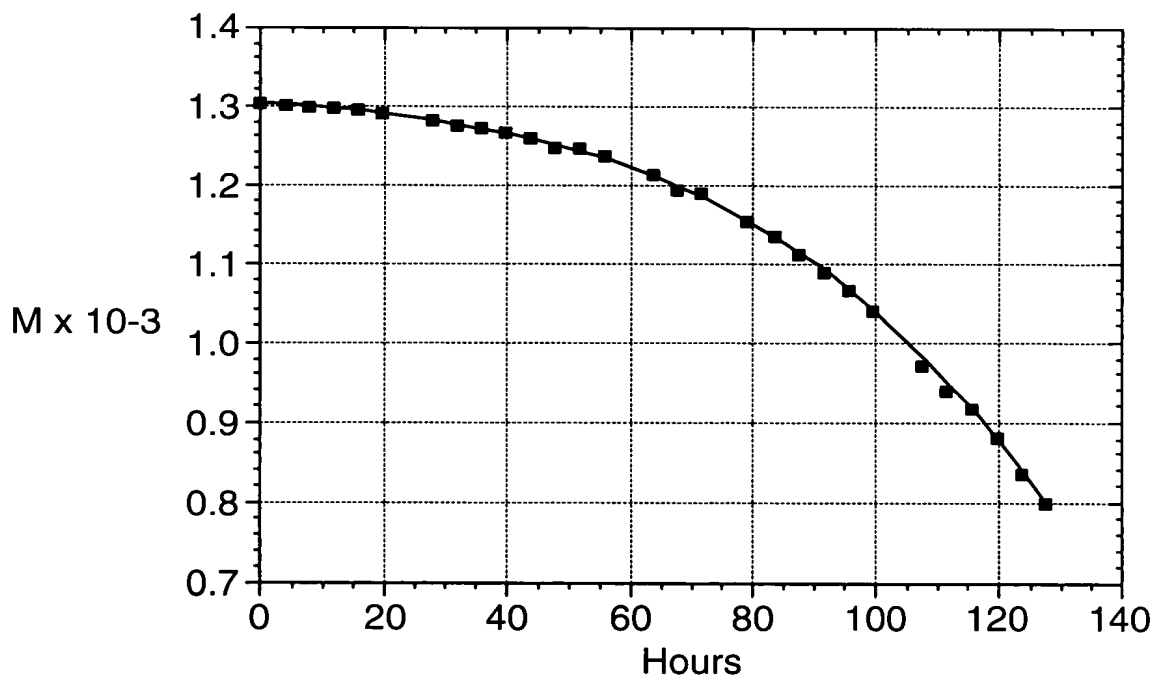


FIG. 9B

Nonisothermal, 50 to 100 °C over 160 hours, linear program





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FIG. 10A

"UDUD" temperature program

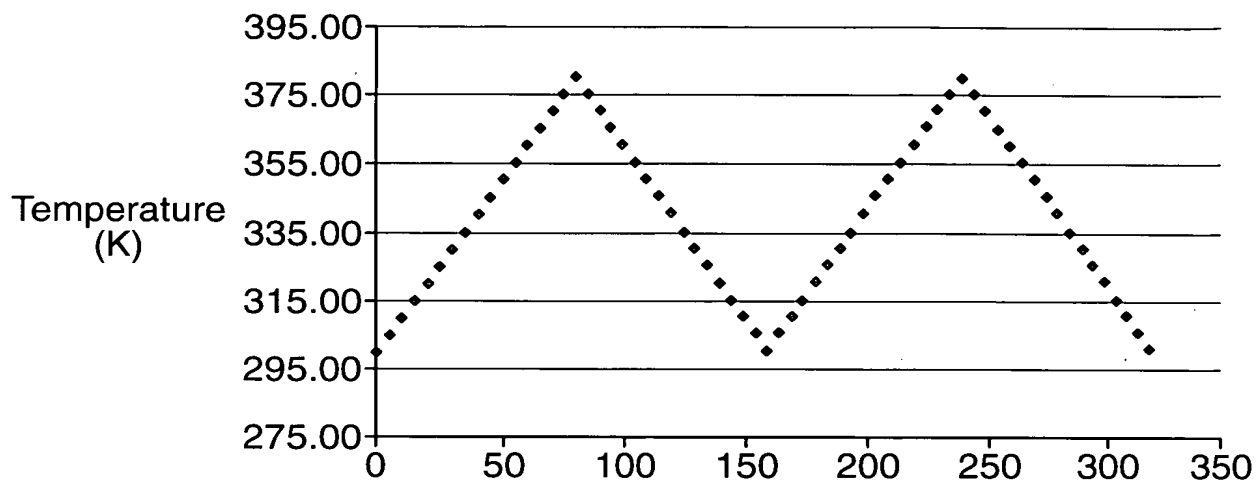


FIG. 10B

$A = 2.43 \times 10^{10} \text{ h}^{-1}$ and $E = 20.42 \text{ Kcal/mole}$

